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Intel Legal Team

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**Urgent**

**Confidential**

**Date: April 1, 2005**

**To:**  
Examiner: D. Malzahn  
USPTO

**Fax:**  
(703) 872-9306

**Art Unit:**  
2124

**From:**  
Alan Pedersen-Giles

**Fax:**  
703-633-3303

**M/S:**

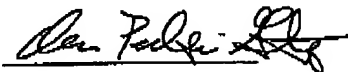
**Subject: Time Varying Filter With Zero And/Or Pole Migration**  
**Application No.: 09/966,802; Inventor: Arthur Sheiman et al.**  
**Filed: 9/28/2001 Docket No. 42.P10700**

**A CONFIRMATION COPY OF THIS DOCUMENT:**

**WILL NOT BE SENT**

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**Alan Pedersen-Giles**



**Date: April 1, 2005**

**Included in this transmission:**

Fax Cover Sheet (1 page)  
Transmittal Form (1 page)  
Response After Final (5 pages)

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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number 09/968,802

Filing Date September 28, 2001

First Named Inventor Arthur Shelman

Art Unit 2124

Examiner Name D. Matzahn


Attorney Docket Number 42.P10700

**ENCLOSURES (Check all that apply)**

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
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| <input checked="" type="checkbox"/> Amendment/Reply                       | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input checked="" type="checkbox"/> After Final                           | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
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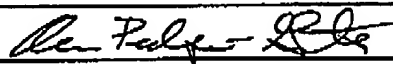
Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | Intel Americas  |          |        |
| Signature    |  |          |        |
| Printed name | Alan Pedersen-Giles   |          |        |
| Date         | April 1, 2005   | Reg. No. | 39,996 |

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| Signature             |  |      |               |
| Typed or printed name | Alan Pedersen-Giles   | Date | April 1, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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T-547 P.003/007 F-552

APR 1 2005

PATENT  
Docket No. 42.P10700

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
 )  
Arthur Sheiman et al. ) Group Art Unit: 2124  
 )  
Application No.: 09/966,802 (Pub. No. US 2003/0048129) ) Examiner: D. Malzahn  
 )  
Filed: September 28, 2001 )  
 )  
For: TIME VARYING FILTER WITH ZERO AND/OR )  
POLE MIGRATION )

***RESPONSE AFTER FINAL***

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated March 14, 2005, the following remarks are respectfully submitted in connection with the above-identified application.

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